

10/089514  
STN Search Summary

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FILE 'REGISTRY' ENTERED AT 15:25:49 ON 14 JAN 2005

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L1      12 S VERNAMYCIN
L2      0 S VERNAMYCIN/CN
L3      12 S VERNAMYCIN?/CN
L4      0 S CORYNESIN
L5      6 S CORYNECIN
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FILE 'CAPLUS' ENTERED AT 15:27:17 ON 14 JAN 2005

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L6      541 S L1 OR L5
L7      6 S L1 AND LOIDENSIS
L8      0 S L1 AND LOIDENS
L9      52 S L5
L10     6 S L9 AND NOCARDIA
L11     0 S NOCARDIA (W) PARAFINNICA
L12     116 S HYDROCARBOCLASTUS
L13     109 S CORYNEBACTERIUM (W) HYDROCARBOCLASTUS
L14     9 S L13 AND CORYNECIN
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=> d 17 1-6

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L7  ANSWER 1 OF 6  CAPLUS  COPYRIGHT 2005 ACS on STN
AN  2004:20705  CAPLUS
TI  Streptomyces gene papM mutants with altered methylation activity promote
    increased synthesis of streptogramin PIA or PIB
IN  Bamas-Jacques, Nathalie; Thibaut, Denis; Famechon, Alain
    PATENT NO.      KIND      DATE      APPLICATION NO.      DATE
    -----
PI  WO 2004003012    A2      20040108    WO 2003-FR1926      20030623
    WO 2004003012    A3      20040415
    FR 2841563        A1      20040102    FR 2002-8057        20020628
PRAI FR 2002-8057    A        20020628
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L7  ANSWER 2 OF 6  CAPLUS  COPYRIGHT 2005 ACS on STN
AN  1994:75617  CAPLUS
TI  Microbial mutants producing specific members of the streptogramin family,
    preparation of these mutants, and use of the mutants to prepare the
    antibiotics
IN  Barrere, Genevieve; Jumel, Catherine; Lacroix, Patricia; Lehmann, Corinne;
    Sabatier, Alain
    PATENT NO.      KIND      DATE      APPLICATION NO.      DATE
    -----
PI  WO 9320182       A1      19931014    WO 1993-FR324       19930331
    FR 2689518       A1      19931008    FR 1992-3939       19920401
    FR 2689518       B1      19950407
    ZA 9302225       A        19931014    ZA 1993-2225       19930329
    IL 105205        A1      19980924    IL 1993-105205     19930329
    AU 9338934       A1      19931108    AU 1993-38934      19930331
    AU 684042        B2      19971204
    EP 633928        A1      19950118    EP 1993-907916     19930331
    EP 633928        B1      20031119
    JP 07505288      T2      19950615    JP 1993-517165     19930331
    JP 3421855       B2      20030630
    AT 254659        E        20031215    AT 1993-907916     19930331
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	PT 633928	T	20040430	PT 1993-907916	19930331
	ES 2206456	T3	20040516	ES 1993-907916	19930331
	FI 9404563	A	19940930	FI 1994-4563	19940930
	US 6180392	B1	20010130	US 1994-307796	19941110
PRAI	FR 1992-3939	A	19920401		
	WO 1993-FR324	A	19930331		
OS	MARPAT 120:75617				

L7 ANSWER 3 OF 6 CAPLUS COPYRIGHT 2005 ACS on STN  
 AN 1993:37550 CAPLUS  
 TI Microbial or enzymatic synthesis of virginiamycin M1 from virginiamycin M2  
 IN Blanche, Francis; Thibaut, Denis

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 506561	A1	19920930	EP 1992-400825	19920326
	FR 2674539	A1	19921002	FR 1991-3779	19910328
	FR 2674539	B1	19930521		
	CA 2106675	AA	19920929	CA 1992-2106675	19920326
	CA 2106675	C	20021015		
	WO 9217491	A1	19921015	WO 1992-FR270	19920326
	AU 9215521	A1	19921102	AU 1992-15521	19920326
	EP 577705	A1	19940112	EP 1992-908261	19920326
	EP 577705	B1	19960605		
	JP 06506350	T2	19940721	JP 1992-507698	19920326
	JP 3199734	B2	20010820		
	IL 101388	A1	19960131	IL 1992-101388	19920326
	AT 138934	E	19960615	AT 1992-908261	19920326
	ES 2087535	T3	19960716	ES 1992-908261	19920326
	US 5591614	A	19970107	US 1995-417445	19950405
PRAI	FR 1991-3779	A	19910328		
	WO 1992-FR270	A	19920326		
	US 1993-119229	B1	19930928		

L7 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2005 ACS on STN  
 AN 1967:68923 CAPLUS  
 TI Purification of vernamycin  
 IN Bodanszky, Miklos; Sheehan, John T.

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 3299047		19670117	US	19630814

L7 ANSWER 5 OF 6 CAPLUS COPYRIGHT 2005 ACS on STN  
 AN 1965:44211 CAPLUS  
 TI Structure of vernamycin B antibiotics  
 AU Bodanszky, M.; Ondetti, Miguel A.  
 SO Antimicrobial Agents and Chemotherapy (1961-70) (1964), 1963, 360-5

L7 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2005 ACS on STN  
 AN 1962:20603 CAPLUS  
 TI Vernamycin A and B  
 IN Donovanick, Richard; Dutcher, James D.; Heuser, Leon J.; Pagano, Joseph F.

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2990325			US	19551116

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L7 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2005 ACS on STN

AB **Vernamycin** A (I) and B (H), esp. suitable against gram-pos. bacteria, were produced by cultivating **Streptomyces loidensis ATCC 11415** under submerged aerated conditions at 20-40.degree. for 48-96 hrs. Thus, in the 1st stage, 100 ml. medium contg.. . . to 6.8-7.2 with 12N NaOH before sterilizing at 121.degree. for 30 min., inoculated from yeast beef agar isolant of S. loidensis, was incubated at 25.degree. for 72 hrs. on a shaker. In the 2nd stage, the 1st stage culture was used. . .

IT Antibiotic substances

(vernamycin A and B as, from **Streptomyces loidensis**)

IT **Streptomyces loidensis**

(vernamycin A and B from)

IT Fermentation

(vernamycin A and B, by **Streptomyces loidensis**)

IT 9040-14-6, Vernamycin B 21411-53-0, Vernamycin A

(manuf. by **Streptomyces loidensis**)

L10 ANSWER 1 OF 6 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1981:82161 CAPLUS

TI Chloramphenicol analog production from Nocardia cultures

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 55034680	B4	19800908	JP 1976-124999	19761020
PRAI	JP 1976-124999	A	19761020		

L10 ANSWER 2 OF 6 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1974:436496 CAPLUS

TI Chloramphenicol

IN Suzuki, Takeo; Tomita, Fusao

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 48103794	A2	19731226	JP 1972-35192	19720410
PRAI	JP 1972-35192	A	19720410		

L10 ANSWER 3 OF 6 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1974:25924 CAPLUS

TI Fermentative manufacture of chloramphenicol derivatives

IN Suzuki, Takeo; Tomita, Fusao; Nakano, Hirofumi; Honda, Haruo

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 2316352	A1	19731018	DE 1973-2316352	19730402
	DE 2316352	B2	19741114		
	DE 2316352	C3	19750717		
	JP 48099388	A2	19731215	JP 1972-33483	19720405
	JP 52009758	B4	19770318		
	FR 2179014	A1	19731116	FR 1973-11809	19730402
	CA 993821	A1	19760727	CA 1973-167753	19730402
	US 3847747	A	19741112	US 1973-347399	19730403
	GB 1426448	A	19760225	GB 1973-16360	19730405
PRAI	JP 1972-33483	A	19720405		

L10 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2005 ACS on STN  
 AN 1973:41564 CAPLUS  
 TI d-threo-2-(Acylamino)-1-(p-nitrophenyl)-1,3-propanediols  
 IN Suzuki, Takeo; Tomita, Fusao; Honda, Haruo; Shirabata, Kunikatsu; Deguchi, Takashi; Machida, Tokio; Kato, Fumio

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	DE 2166090	A	19721130	DE 1971-2166090	19710424
	DE 2166090	B2	19740117		
	DE 2166090	C3	19740815		
	JP 49011434	B4	19740316	JP 1970-112463	19701217
	US 3751339	A	19730807	US 1971-137695	19710426
	FR 2090768	A5	19720114	FR 1971-14917	19710427
	GB 1344739	A	19740123	GB 1971-11683	19710427
	CA 982071	A1	19760120	CA 1971-111462	19710427
	CA 981608	A2	19760113	CA 1974-206465	19740807
PRAI	JP 1970-35902	A	19700428		
	JP 1970-112463	A	19701217		
	CA 1971-111462	A3	19710427		

L10 ANSWER 5 OF 6 CAPLUS COPYRIGHT 2005 ACS on STN  
 AN 1973:41563 CAPLUS  
 TI d-threo-2-Propionamide-1-(p-nitrophenyl)-1,3-propanediol  
 IN Suzuki, Takeo; Tomita, Fusao; Honda, Haruo; Shirabata, Kunikatsu; Deguchi, Takashi; Machida, Tokio; Kato, Fumio

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	DE 2166091	A	19721130	DE 1971-2166091	19710424
	DE 2166091	B2	19740117		
	DE 2166091	C3	19740815		
	JP 49011434	B4	19740316	JP 1970-112463	19701217
	US 3751339	A	19730807	US 1971-137695	19710426
	FR 2090768	A5	19720114	FR 1971-14917	19710427
	GB 1344739	A	19740123	GB 1971-11683	19710427
	CA 982071	A1	19760120	CA 1971-111462	19710427
	CA 981608	A2	19760113	CA 1974-206465	19740807
PRAI	JP 1970-35902	A	19700428		
	JP 1970-112463	A	19701217		
	CA 1971-111462	A3	19710427		

L10 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2005 ACS on STN  
 AN 1972:32866 CAPLUS  
 TI Manufacture of chloramphenicol analogs by fermentation of Corynebacterium, Nocardia, and Arthrobacter strains  
 IN Suzuki, Takeo; Tomita, Fusao; Honda, Haruo; Shirahata, Kunikatsu; Deguchi, Takashi; Kato, Fumio

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	DE 2120153	A	19711111	DE 1971-2120153	19710424
	DE 2120153	C3	19730726		
	JP 49011434	B4	19740316	JP 1970-112463	19701217
	US 3751339	A	19730807	US 1971-137695	19710426
	FR 2090768	A5	19720114	FR 1971-14917	19710427
	GB 1344739	A	19740123	GB 1971-11683	19710427
	CA 982071	A1	19760120	CA 1971-111462	19710427
	CA 981608	A2	19760113	CA 1974-206465	19740807
PRAI	JP 1970-35902	A	19700428		

JP 1970-112463	A	19701217
CA 1971-111462	A3	19710427

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- L10 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2005 ACS on STN  
 TI Manufacture of chloramphenicol analogs by fermentation of Corynebacterium, Nocardia, and Arthrobacter strains  
 AB . . . and a mixt. of the 3-o-acetyl analogs of I were manufd. by culturing of C. hydrocarboclastus, C. equi, C. pseudodiphtheriticum, Nocardia globerula, N. hydrocarbonoxydans, and Arthrobacter paraffineus on a medium contg. n-paraffins, sucrose, and (or) glucose as C sources. Thus, aerobic. . . .  
 ST chloramphenicol analogs fermn; acylamidonitrophenylpropanediols manuf fermn; nitrophenylpropanediol acylamido manuf; Corynebacterium chloramphenicol analog; Nocardia chloramphenicol analog; Arthrobacter chloramphenicol analog  
 IT Arthrobacter paraffineus  
 Corynebacterium  
 Nocardia  
 (chloramphenicol analogs manuf. by)  
 IT 1885-08-1P 18048-95-8P 35098-52-3P  
 RL: BMF (Bioindustrial manufacture); BIOL (Biological study); PREP (Preparation)  
 (manuf. of, by bacteria)
- L14 ANSWER 1 OF 9 CAPLUS COPYRIGHT 2005 ACS on STN  
 AN 1977:466522 CAPLUS  
 TI Corynecin (chloramphenicol analogs) fermentation studies: selective production of Corynecin I by Corynebacterium hydrocarboclastus grown on acetate  
 AU Nakano, Hirofumi; Tomita, Fusao; Yamaguchi, Ken; Nagashima, Minoru; Suzuki, Takeo  
 SO Biotechnology and Bioengineering (1977), 19(7), 1009-18
- L14 ANSWER 2 OF 9 CAPLUS COPYRIGHT 2005 ACS on STN  
 AN 1977:85841 CAPLUS  
 TI Distribution of chloramphenicol acetyltransferase and chloramphenicol-3-acetate esterase among Streptomyces and Corynebacterium  
 AU Nakano, Hirofumi; Matsushashi, Yuji; Takeuchi, Tomio; Umezawa, Hamao  
 SO Journal of Antibiotics (1977), 30(1), 76-82
- L14 ANSWER 3 OF 9 CAPLUS COPYRIGHT 2005 ACS on STN  
 AN 1976:147421 CAPLUS  
 TI Biosynthesis of Corynecins by Corynebacterium hydrocarboclastus: on the origin of the N-acyl group  
 AU Nakano, Hirofumi; Tomita, Fusao; Suzuki, Takeo  
 SO Agricultural and Biological Chemistry (1976), 40(2), 331-6
- L14 ANSWER 4 OF 9 CAPLUS COPYRIGHT 2005 ACS on STN  
 AN 1976:101997 CAPLUS  
 TI Role of p-aminophenylalanine in biosynthesis of corynecins and aromatic amino acids by Corynebacterium hydrocarboclastus  
 AU Nakano, Hirofumi; Tomita, Fusao; Suzuki, Takeo  
 SO Agricultural and Biological Chemistry (1976), 40(1), 207-12

L14 ANSWER 5 OF 9 CAPLUS COPYRIGHT 2005 ACS on STN  
 AN 1975:121405 CAPLUS  
 TI Incorporation of shikimic acid into corynecins and its regulation  
 AU Nakano, Hirofumi; Tomita, Fusao; Suzuki, Takeo  
 SO Agricultural and Biological Chemistry (1974), 38(12), 2505-9

L14 ANSWER 6 OF 9 CAPLUS COPYRIGHT 2005 ACS on STN  
 AN 1975:96461 CAPLUS  
 TI Fermentative production of chloramphenicol analogs (corynecins) from sucrose  
 AU Suzuki, Takeo; Tomita, Fusao; Nakano, Hirofumi  
 SO Agricultural and Biological Chemistry (1974), 38(12), 2477-81

L14 ANSWER 7 OF 9 CAPLUS COPYRIGHT 2005 ACS on STN  
 AN 1975:96460 CAPLUS  
 TI Production of corynecins by mutants defective in glycolipid synthesis and increased in corynecin I  
 AU Nakano, Hirofumi; Tomita, Fusao; Suzuki, Takeo  
 SO Agricultural and Biological Chemistry (1974), 38(12), 2471-5

L14 ANSWER 8 OF 9 CAPLUS COPYRIGHT 2005 ACS on STN  
 AN 1975:70160 CAPLUS  
 TI Production of corynecins by chloramphenicol resistant mutants of *Corynebacterium hydrocarboclastus*  
 AU Tomita, Fusao; Nakano, Hirofumi; Honda, Haruo; Suzuki, Takeo  
 SO Agricultural and Biological Chemistry (1974), 38(11), 2183-8

L14 ANSWER 9 OF 9 CAPLUS COPYRIGHT 2005 ACS on STN  
 AN 1974:567766 CAPLUS  
 TI Further studies on production of chloramphenicol analogs (corynecins) from n-alkanes  
 AU Tomita, Fusao; Nakano, Hirofumi; Suzuki, Takeo  
 SO Agricultural and Biological Chemistry (1974), 38(9), 1673-8